CTT 91-2.5 TS12

FLAT TOP TOWER CRANE



Specifications:

- Max jib length: 50,00 m
- Capacity at max length: 1,45 t
- Max capacity: 2,50 t

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KEY

Zeichenerklärung · Légende · Leyenda · Legenda

	Hoisting · Heben · Levage · Elevación · Sollevamento
	Trolleying · Katzfahren · Distribution · Distribución · Traslazione carrello
	Slewing · Schwenken ·Orientation · Orientació · Rotazione
	Travelling · Schienenfahren · Translation · Traslación · Traslazione
	Directive on noise level · Richtlinie für den Schall-Leistungspegel · Directive sur le niveau acoustique · Directiva sobre el nivel acustico · Direttiva sul livello acustico
	Consult us · Auf Anfrage · Nous consulter · Consultarnos · Consultateci
	Power requirements · Geforderte Stromstärke · Puissance totale nécessaire · Potencia necesaria · Potenza totale richiesta
	Power supply · Stromversorgung · Alimentation · Alimentación · Alimentazione
●	In service · In Betrieb · En service · En servicio · In servizio
	Out of service · Außer Betrieb · Hors service · Fuera de servicio · Fuori servizio
H	Max. under hook height · Höchste Hakenhöhe · Hauteur maxi. sous crochet · Maxima altura bajo gancho · Altezza max. sotto gancio
	Without load, without ballast, max. jib and max. height · Ohne Last und Ballast, mit Maximalausleger und Maximalhöhe · A vide, sans lest, avec flèche et hauteur maximum · Sin carga, sin lastre, con pluma y altura máxima · A vuoto, senza zavorra, braccio max., altezza max.
	Counterweight · Gegengewicht · Lest de contre-flèche · Lastre de contra flecha · Zavorra controbraccio
C25	FEM 1004 Out of service wind condition · FEM 1004 Windverhältnisse im Außerbetriebszustand · FEM 1004 Conditions de vent hors service · FEM 1004 Condiciones de viento fuera de servicio · FEM 1004 Condizioni del vento in fuori servizio

CONTENTS

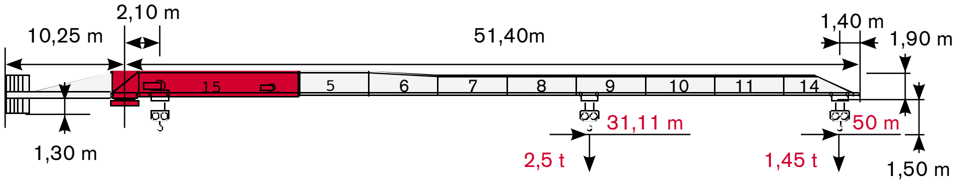
Inhalt · Contenu · Contenido · Indice

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LOAD DIAGRAM

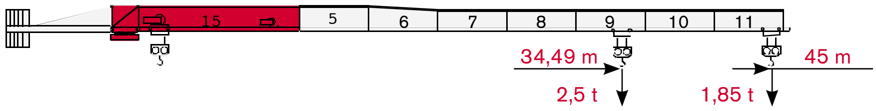
Lastkurven · Courbes de charges · Curvas de cargas · Diagramma di portata

	A (3,5 t)	C (2,3 t)
11 APC 25	4	0
15 AFC 25	4	0



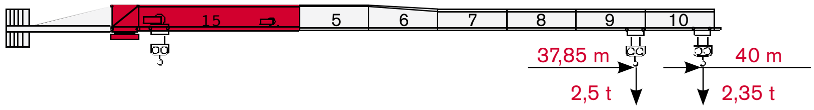
			5 m	10 m	15 m	20 m	25 m	30 m	35 m	40 m	45 m	50 m
2,5 t →	31,11 m	t	2,50	2,50	2,50	2,50	2,50	2,50	2,19	1,88	1,64	1,45

	A (3,5 t)	C (2,3 t)
11 APC 25	2	3
15 AFC 25	2	3



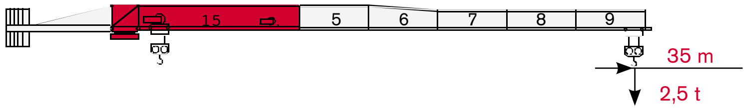
			5 m	10 m	15 m	20 m	25 m	30 m	35 m	40 m	45 m	
2,5 t →	34,49 m	t	2,50	2,50	2,50	2,50	2,50	2,50	2,46	2,12	1,85	

	A (3,5 t)	C (2,3 t)
11 APC 25	2	3
15 AFC 25	2	3



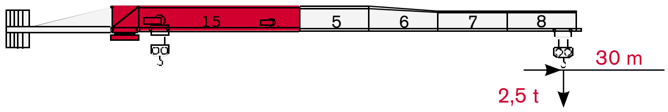
			5 m	10 m	15 m	20 m	25 m	30 m	35 m	40 m		
2,5 t →	37,85 m	t	2,50	2,50	2,50	2,50	2,50	2,50	2,50	2,35		

	A (3,5 t)	C (2,3 t)
11 APC 25	3	1
15 AFC 25	3	1



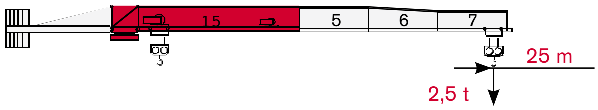
			5 m	10 m	15 m	20 m	25 m	30 m	35 m			
2,5 t →	35,00 m	t	2,50	2,50	2,50	2,50	2,50	2,50	2,50			

	A (3,5 t)	C (2,3 t)
11 APC 25	2	2
15 AFC 25	2	2



			5 m	10 m	15 m	20 m	25 m	30 m				
2,5 t →	30,00 m	t	2,50	2,50	2,50	2,50	2,50	2,50				

	A (3,5 t)	C (2,3 t)
11 APC 25	1	3
15 AFC 25	1	3



			5 m	10 m	15 m	20 m	25 m					
2,5 t →	25,00 m	t	2,50	2,50	2,50	2,50	2,50					

TEREX®

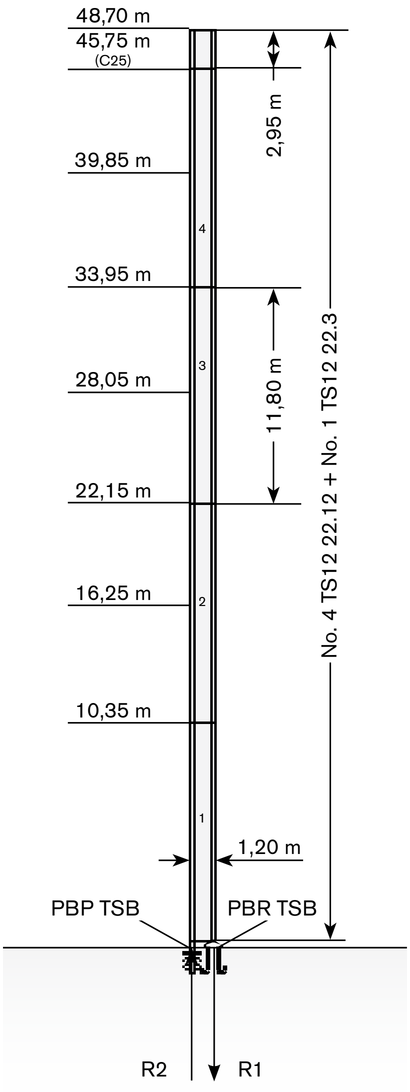
TOWER

Turm · Tour · Torre · Torre

Standard Configurations · Standardkonfiguration · Standard Implantations · Implantaciones Standard · Installazioni Standard

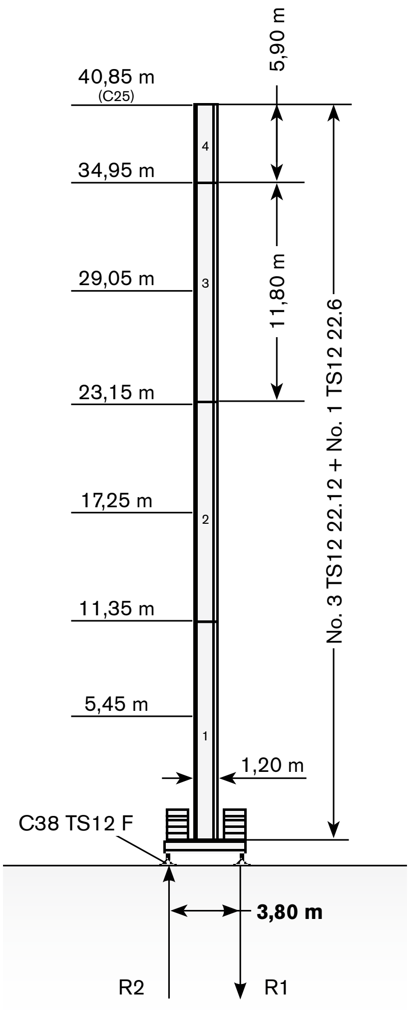
Tower: TS12 & Basement: R1

	●	⬍
R1	-1385 kN	-2023 kN
R2	1138 kN	1795 kN
	296 kN	



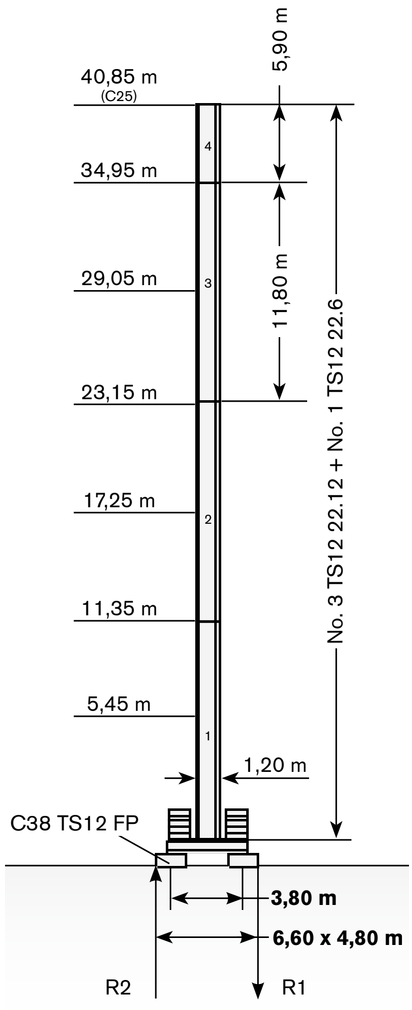
Tower: TS12 & Basement: F1

	●	⬍
R1	-582 kN	-796 kN
R2	-52 kN	0
	300 kN	



Tower: TS12 & Basement: FP1

	●	⬍
R1	-582 kN	-796 kN
R2	-52 kN	0
	300 kN	



Max. under hook height • Höchste Hakenhöhe • Hauteur maxi. sous crochet • Maxima altura bajo gancho • Altezza max. sotto gancio

Different heights, tower combinations and travelling are available; please consult us • Andere Höhen, Turmkombinationen und Schienenfahrwerk auf Anfrage • Différentes hauteurs, combinaisons de tour et translation sont disponibles; nous consulter • Hay diferentes alturas, combinaciones de torre y traslacion disponibles. Consúltenos • Altezze diverse, combinazioni di torre e traslazioni sono disponibili; consultateci

The available lenghts for the TS tower sections are 11.8 m, 5.9 m, 2.95 m. • Die Turmschüsse TS sind mit Längen 11.8 m, 5.9 m, 2.95 m verfügbar. • Les éléments de mât TS sont disponibles en longueur 11.8 m, 5.9 m, 2.95 m. • Los tramos de torre TS son disponibles en las medidas de largo 11.8 m, 5.9 m, 2.95 m. • Le prolunghe TS sono disponibili in lunghezze11.8 m, 5.9 m, 2.95 m.

MECHANISMS

Antriebe · Mécanismes · Mecanismos · Meccanismi

Power supply · Stromversorgung · Alimentation · Suministro eléctrico · Alimentazione

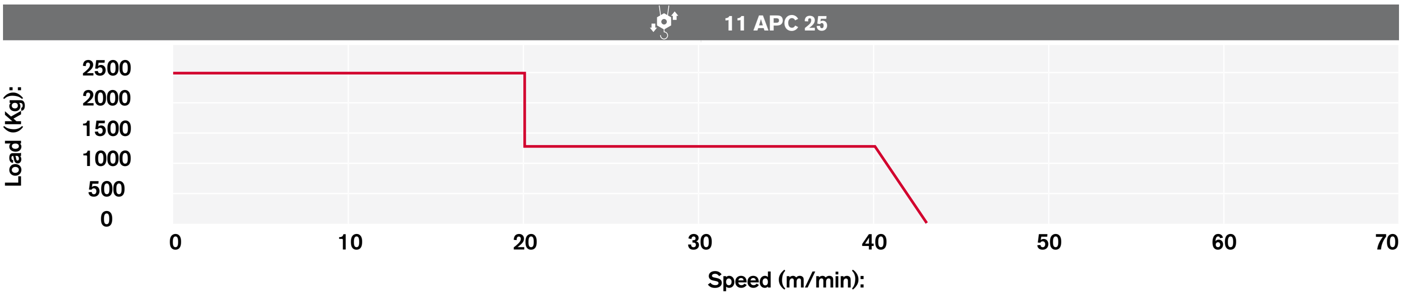
	11 APC 25	31 kVA*	400V - 50Hz	2000/14/CE modificata
	15 AFC 25	40 kVA*	400V - 50Hz / 460V - 60Hz	2000/14/CE modificata

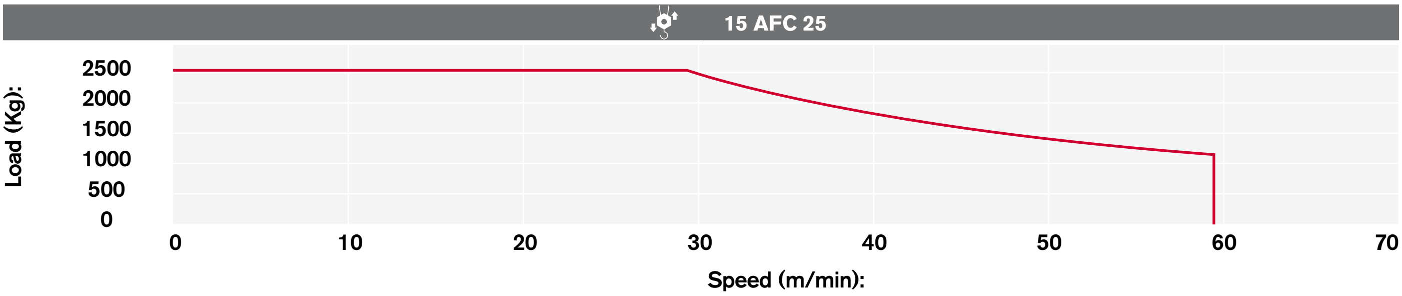
* Crane without travelling equipment – Three movements simultaneous at 90% · Krane ohne Schienenfahren – Drei gleichzeitige Bewegungen mit 90% · Grue sans translation – Trois mouvements simultanés à 90% · Grúa sin traslación – Tres movimientos contemporáneos hechos al 90% · Gru senza traslazione – Tre movimenti contemporanei al 90%

Hoisting · Heben · Levage · Elevación · Sollevamento

			t	m/min	kW	
	11 APC 25		2,5	6	11	186 m
			2,5	20		
			1,25	40		
	15 AFC 25 (Variant)		2,5	0 ➔ 1,7	15	
			2,5	1,7 ➔ 6		
			2,5	6 ➔ 28		
			1,44	28 ➔ 46		
			1,1	46 ➔ 57		

Hoisting Speed · Heben Geschwindigkeit · Vitesse de Levage · Velocidad de Elevación · Velocità' di Sollevamento





Additional Specifications · Weitere Leistungsdaten · Spécifications additionnelles · Otras prestaciones · Altre movimentazioni

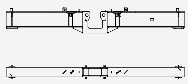
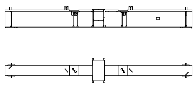
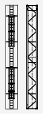
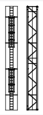
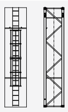
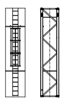
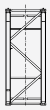
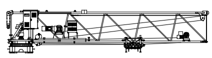
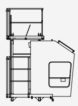
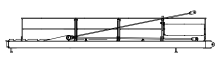
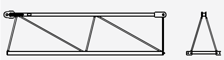
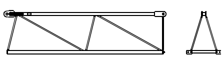
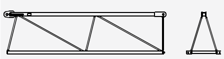
	DAD 2 2 D1	0 ➔ 22 ➔ 44 m/min	2,2 - 1,5 kW
	DVF 3 4 D5 (Variant)	0 ➔ 6 ➔ 30 ➔ 60 m/min	4 kW
	SSR 1 1 65	0,76 r.p.m.	1 x 65 Nm
	i		
	i		

TRANSPORTATION

CTT 91-2.5 TS12

Transport · Transport · Conducción · Trasporto

Packing list

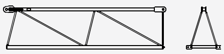
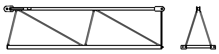
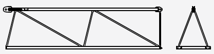
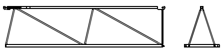
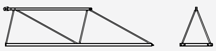
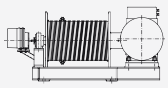
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	“A” BEAM FOR C38 UNDERCARRIAGE	5,80 m	0,40 m	0,80 m	1	2172 kg
	“B” BEAM FOR C38 UNDERCARRIAGE	5,80 m	0,75 m	0,65 m	1	2086 kg
	TS12 22.12 NORMAL TOWER SECTION	1,23 m	1,26 m	11,80 m	1	4032 kg*
	TS12 22.12 BASE TOWER SECTION	1,21 m	1,26 m	11,80 m	1	4025 kg*
	TS12 22.6 NORMAL TOWER SECTION	1,22 m	1,26 m	5,90 m	1	2102 kg*
	TS12 22.6 BASE TOWER SECTION	1,21 m	1,26 m	5,90 m	1	2097 kg*
	TS12 22.3 NORMAL TOWER SECTION	1,22 m	1,26 m	2,95 m	1	1179 kg*
	SLEWING UNIT INCLUDING JIB SECTION-15	12,10 m	2,00 m	2,44 m	1	5640 kg
	PLATFORM UNIT INCLUDING CAB	2,50 m	1,60 m	2,50 m	1	1110 kg
	COUNTERJIB COMPLETE	9,70 m	0,75 m	1,35 m	1	1948 kg
	JIB SECTION-5	5,20 m	1,11 m	1,80 m	1	530 kg
	JIB SECTION-6	5,20 m	1,11 m	1,80 m	1	510 kg
	JIB SECTION-7	5,20 m	1,11 m	1,30 m	1	450 kg

* inclusive of ladders, platforms, protections and erection equipment

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TRANSPORTATION

Transport · Transport · Conducción · Trasporto

CTT 91-2,5/TS12	DESCRIPTION · BESCHREIBUNG · DESCRIPTION · DESCRIPCIÓN · DESCRIZIONE	LENGTH · LÄNGE · LONGUEUR · LONGITUD · LUNGHEZZA	WIDTH · BREITE · LARGEUR · ANCHURA · LARGHEZZA	HEIGHT · HÖHE · HAUTEUR · ALTURA · ALTEZZA	QUANTITY · MENGE · QUANTITÉ · CANTIDAD · QUANTITÀ	WEIGHT · GEWICHT · POIDS · PESO · PESO
	JIB SECTION-8	5,20 m	1,11 m	1,30 m	1	400 kg
	JIB SECTION-9	5,20 m	1,11 m	1,30 m	1	280 kg
	JIB SECTION-10	5,20 m	1,11 m	1,30 m	1	276 kg
	JIB SECTION-11	5,20 m	1,11 m	1,30 m	1	223 kg
	JIB SECTION-14	5,20 m	1,11 m	1,30 m	1	170 kg
	JIB POINT SECTION	1,20 m	0,70 m	1,10 m	1	55 kg
	HOIST WINCH 11 APC 25 F9	1,30 m	1,20 m	0,50 m	1	460 kg
	HOIST WINCH 15 AFC 25 F9	1,30 m	1,20 m	0,50 m	1	460 kg

NOTES

Notizen · Note · Apunte · Appunti

NOTES

Notizen · Note · Apunte · Appunti

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